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Transmitted herewith for filing is the Patent Application of:

Inventors: Krishna Kummamuru, Raghuram Krishnapuram,
Pradeep Kumar Dubey

For: CLUSTERING DATA INCLUDING THOSE WITH ASYMMETRIC RELATIONSHIPS

Enclosed are:

X 6 Sheets of Formal Drawings.

X An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

_____ A certified copy of a _____ application, dated _____,
no. _____.

Executed Declaration and Power of Attorney is attached to the application.

Associate Power of Attorney.

Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

(Col. 1)

(Col. 2)

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	66 - 20 =	46
INDEP CLAIMS	3 - 3 =	0
<input type="checkbox"/> MULTIPLE <input type="checkbox"/> DEPENDENT CLAIM PRESENTED		

OTHER THAN A
SMALL ENTITY

RATE	FEE
XXXXXXXXXXXX	\$ 710.00
X \$ 18 =	\$ 828.00
X \$ 80 =	\$ 0.00
+ \$ 270=	\$ 0.00
TOTAL	\$ 1,538.00

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

TOTAL	\$ 1,538.00
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x Any additional filing fees required under 37 CFR 1.16.

x Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By Manny Schecter
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